

ENGINEERING



600 GRANT STREET
PITTSBURGH, PENNSYLVANIA 15230

February 27, 1975

Mr. James P. Jones
Chief, Operations Division
Department of the Army
Chicago District, Corps of Engineers
219 South Dearborn Street
Chicago, Illinois 60604

Subject: Dredging - Gary Works and South Works

Dear Mr. Jones:

We have received your letter of February 14, 1975 and the USEPA letter of January 21, 1975, attached thereto, both of which requested additional information concerning dredging permit applications for Gary Works and South Works.

Our response to the February 14 letter:

- a. At Gary Works, net flow is into the slip at a rate of 746 mgd. At the South Works north slip, net flow is into the slip at the rate of 58 mgd and at the south slip, net flow is out of the slip at the rate of 69 mgd.
- b. The alternate water quality monitoring plan is covered in my letter to you dated February 18, 1975.
- c. The analyses of Gary slip and harbor bottom sediment samples are complete. See the attached Soil Testing Services report dated February 25, 1975.

Our response to the January 21 letter:

1. We have constructed a "dike within a dike" which was described in detail, including sketches and aerial photographs, in my letter of January 2, 1975. This inner dike, which is located several thousand feet from the outer dike effluent pipes, will serve as an effective filter for the dredged material deposited therein and represents, for all practical purposes, an impervious structure. Most of the outer dike structure, except for a few hundred feet of the east shore arm, is constructed of sheet piling cells filled with slag and capped with concrete, making it essentially impervious. The remainder of the east shore arm is constructed of compacted slag which, like the inner dike, is practically impervious.

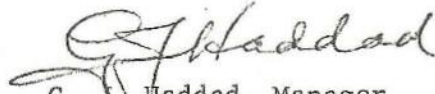


Mr. James P. Jones
February 27, 1975
Page 2

- 2.) U. S. Steel Corporation has developed a monitoring program as described
- &) in my letter of February 18, 1975. Water quality will be monitored in
- 3.) an appropriate manner to demonstrate the achievement of applicable regulatory criteria.

We feel this answers all outstanding obligations and completes the administrative record on the permit applications and, therefore, request that urgent consideration be given to issuance of permits.

Sincerely yours,


G. J. Haddad, Manager
Engineering Services

MAH:mgt

Attachment